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2590  
0923

OIPE

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/084,298

DATE: 09/18/2002  
 TIME: 11:04:27

Input Set : D:\Gi5358.app  
 Output Set: N:\CRF4\09182002\J084298.raw

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3 <110> APPLICANT: Jacobs, Kenneth  
 4 Pittman, Debra  
 5 Fouser, Lynette  
 6 Spaulding, Vikki  
 7 Xuan, Dejun  
 9 <120> TITLE OF INVENTION: Composition and Method for Treating Inflammatory  
 10 Disorders  
 12 <130> FILE REFERENCE: GI5358 CIP  
 14 <140> CURRENT APPLICATION NUMBER: 10/084,298  
 C--> 15 <141> CURRENT FILING DATE: 2002-09-10  
 17 <150> PRIOR APPLICATION NUMBER: 60/270,823  
 18 <151> PRIOR FILING DATE: 2001-02-23  
 20 <150> PRIOR APPLICATION NUMBER: 60/281,353  
 21 <151> PRIOR FILING DATE: 2001-04-03  
 23 <150> PRIOR APPLICATION NUMBER: 60/131,473  
 24 <151> PRIOR FILING DATE: 1999-04-28  
 26 <150> PRIOR APPLICATION NUMBER: 09/561,811  
 27 <151> PRIOR FILING DATE: 2000-04-28  
 29 <160> NUMBER OF SEQ ID NOS: 10  
 31 <170> SOFTWARE: PatentIn Ver. 2.1  
 33 <210> SEQ ID NO: 1  
 34 <211> LENGTH: 1191  
 35 <212> TYPE: DNA  
 36 <213> ORGANISM: Homo sapiens  
 38 <400> SEQUENCE: 1  
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 40 attgtctgca atggccgccc tgcagaaatc tgtgagctct ttccttatgg ggaccctggc 120  
 41 caccagctgc ctccctctct tggccctctt ggtacagga ggagcagctg cgcccatcag 180  
 42 ctcccactgc aggcttgaca agtccaactt ccagcagccc tatatcacca accgcacctt 240  
 43 catgctggct aaggaggcta gcttggtgta taacaacaca gacgttcgtc tcattgggga 300  
 44 gaaactgttc cacggagtca gtatgagtga gcgctgctat ctgatgaagc aggtgctgaa 360  
 45 cttcaccctt gaagaagtgc tgttccctca atctgatagg ttccagcctt atatgcagga 420  
 46 ggtggtgccc ttcctggcca ggctcagcaa caggctaagc acatgtcata ttgaagggtga 480  
 47 tgacctgcac atccagagga atgtgcaaaa gctgaaggac acagtgaaaa agcttgagaa 540  
 48 gagtggagag atcaaagcaa ttggagaact ggatttgctg tttatgtctc tgagaaatgc 600  
 49 ctgcatttga ccagagcaaa gctgaaaaat gaataactaa ccccttttcc ctgctagaaa 660  
 50 taacaattag atgccccaaa gcgatttttt ttaacaaaaa ggaagatggg aagccaaact 720  
 51 ccatcatgat ggggtggattc caaatgaacc cctgcgttag ttacaaagga aaccaatgcc 780  
 52 acttttgttt ataagaccag aaggtagact ttctaagcat agatatttat tgataacatt 840  
 53 tcattgtaac tgggtgttcta tacacagaaa acaatttatt ttttaaataa ttgtcttttt 900  
 54 ccataaaaaa gattactttc cattccttta ggggaaaaaa cccctaaata gcttcattgt 960  
 55 tccataatca gtactttata tttataaatg tatatttat tattataaga ctgcatttta 1020  
 56 tttatatcat tttattaata tggatttatt tatagaaaca tcattcgata ttgctacttg 1080

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57 agtgtaaggc taatattgat atttatgaca ataattatag agctataaca tgtttatttg 1140  
58 acctcaataa acacttggat atcctaaaaa aaaaaaaaaa aaagcggccg c 1191  
61 <210> SEQ ID NO: 2  
62 <211> LENGTH: 179  
63 <212> TYPE: PRT  
64 <213> ORGANISM: Homo sapiens

66 <400> SEQUENCE: 2  
67 Met Ala Ala Leu Gln Lys Ser Val Ser Ser Phe Leu Met Gly Thr Leu  
68 1 5 10 15  
70 Ala Thr Ser Cys Leu Leu Leu Ala Leu Leu Val Gln Gly Gly Ala  
71 20 25 30  
73 Ala Ala Pro Ile Ser Ser His Cys Arg Leu Asp Lys Ser Asn Phe Gln  
74 35 40 45  
76 Gln Pro Tyr Ile Thr Asn Arg Thr Phe Met Leu Ala Lys Glu Ala Ser  
77 50 55 60  
79 Leu Ala Asp Asn Asn Thr Asp Val Arg Leu Ile Gly Glu Lys Leu Phe  
80 65 70 75 80  
82 His Gly Val Ser Met Ser Glu Arg Cys Tyr Leu Met Lys Gln Val Leu  
83 85 90 95  
85 Asn Phe Thr Leu Glu Glu Val Leu Phe Pro Gln Ser Asp Arg Phe Gln  
86 100 105 110  
88 Pro Tyr Met Gln Glu Val Val Pro Phe Leu Ala Arg Leu Ser Asn Arg  
89 115 120 125  
91 Leu Ser Thr Cys His Ile Glu Gly Asp Asp Leu His Ile Gln Arg Asn  
92 130 135 140  
94 Val Gln Lys Leu Lys Asp Thr Val Lys Lys Leu Gly Glu Ser Gly Glu  
95 145 150 155 160  
97 Ile Lys Ala Ile Gly Glu Leu Asp Leu Leu Phe Met Ser Leu Arg Asn  
98 165 170 175

100 Ala Cys Ile

104 <210> SEQ ID NO: 3

105 <211> LENGTH: 1166

106 <212> TYPE: DNA

107 <213> ORGANISM: Murine

109 <400> SEQUENCE: 3

110 gaattcggcc aaagaggcct acctaaacag gctctcctct cagttatcaa ctgttgacac 60  
111 ttgtgcgatc tctgatggct gtcctgcaga aatctatgag tttttccctt atggggactt 120  
112 tggccgccag ctgcctgctt ctcattgccc tgtgggccca ggaggcaa at gcgctgcccg 180  
113 tcaacacccg gtgcaagctt gaggtgtcca acttccagca gccatacatc gtcaaccgca 240  
114 cctttatgct ggccaaggag gccagccttg cagataacaa cacagatgtc cggtcatcg 300  
115 gggagaaact gttccgagga gtcagtgtta aggatcagtg ctacctgatg aagcagggtgc 360  
116 tcaacttcac cctggaagac gttctgtctc cccagtcaga caggttccag ccctacatgc 420  
117 aggaggtggt gcctttcctg accaaactca gcaatcagct cagctcctgt cacatcagcg 480  
118 gtgacgacca gaacatccag aagaatgtca gaaggctgaa ggagacagtg aaaaagcttg 540  
119 gagagagtgg agagatcaag gcgattgggg aactggacct gctgtttatg tctctgagaa 600  
120 atgcttgctg ctgagcgaga agaagctaga aaacgaagaa ctgctccttc ctgccttcta 660  
121 aaaagaacaa taagatccct gaatggactt ttttactaaa ggaaagttag aagctaactg 720  
122 ccatcattat tagaagattt cacatgaaac ctggctcagt tgaaaaagaa aatagtgtca 780  
123 agttgtccat gagaccagag gtagacttga taaccacaaa gattcattga caatatttta 840

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124 ttgtcactga tgatacaaca gaaaaataat gtacttttaa aaattgtttg aaaggaggtt 900
125 acctctcatt ccttttagaaa aaaagcttat gtaacttcat ttccataacc aatattttat 960
126 atatgtaagt ttatttatta taagtataca ttttatttat gtcagtttat taatatggat 1020
127 ttatttatag aaacattatc tgctattgat atttagtata aggcaaataa tatttatgac 1080
128 aataactatg gaaacaagat atcttaggct ttaataaaca catggatatc ataaaaaaaa 1140
129 aaaaaaaaaa aaaaaaagc ggccgc 1166

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132 <210> SEQ ID NO: 4
133 <211> LENGTH: 180
134 <212> TYPE: PRT
135 <213> ORGANISM: Murine
137 <220> FEATURE:
138 <221> NAME/KEY: VARIANT
139 <222> LOCATION: (180)
140 <223> OTHER INFORMATION: Wherein Xaa is any amino acid.
142 <400> SEQUENCE: 4

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143 Met Ala Val Leu Gln Lys Ser Met Ser Phe Ser Leu Met Gly Thr Leu
144   1           5           10           15
146 Ala Ala Ser Cys Leu Leu Leu Ile Ala Leu Trp Ala Gln Glu Ala Asn
147   20           25           30
149 Ala Leu Pro Val Asn Thr Arg Cys Lys Leu Glu Val Ser Asn Phe Gln
150   35           40           45
152 Gln Pro Tyr Ile Val Asn Arg Thr Phe Met Leu Ala Lys Glu Ala Ser
153   50           55           60
155 Leu Ala Asp Asn Asn Thr Asp Val Arg Leu Ile Gly Glu Lys Leu Phe
156   65           70           75           80
158 Arg Gly Val Ser Ala Lys Asp Gln Cys Tyr Leu Met Lys Gln Val Leu
159   85           90           95
161 Asn Phe Thr Leu Glu Asp Val Leu Leu Pro Gln Ser Asp Arg Phe Gln
162   100          105          110
164 Pro Tyr Met Gln Glu Val Val Pro Phe Leu Thr Lys Leu Ser Asn Gln
165   115          120          125
167 Leu Ser Ser Cys His Ile Ser Gly Asp Asp Gln Asn Ile Gln Lys Asn
168   130          135          140
170 Val Arg Arg Leu Lys Glu Thr Val Lys Lys Leu Gly Glu Ser Gly Glu
171 145          150          155          160
173 Ile Lys Ala Ile Gly Glu Leu Asp Leu Leu Phe Met Ser Leu Arg Asn
174   165          170          175

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W--> 176 Ala Cys Val Xaa  
177 180

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180 <210> SEQ ID NO: 5
181 <211> LENGTH: 27
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Description of Artificial Sequence:
187   Oligonucleotide for generation of sense probe
189 <400> SEQUENCE: 5
190 aggatggaga catctgactg ccctacg
193 <210> SEQ ID NO: 6

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194 <211> LENGTH: 56
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence:
200     Oligonucleotide for the generation of sense probe.
202 <400> SEQUENCE: 6
203 gactgataat acgactcact atagggcgaa caattttgac tccgatattg tccaag      56
206 <210> SEQ ID NO: 7
207 <211> LENGTH: 27
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence:
213     Oligonucleotide for generation of anti-sense probe
215 <400> SEQUENCE: 7
216 acaattttga ctccgatatt gtccaag      27
219 <210> SEQ ID NO: 8
220 <211> LENGTH: 56
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence:
226     Oligonucleotide for generation of anti-sense probe
228 <400> SEQUENCE: 8
229 gactgataat acgactcact atagggcgaa ggatggagac atctgactgc cctacg      56
232 <210> SEQ ID NO: 9
233 <211> LENGTH: 191
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe for
239     IL-22 sequences
241 <400> SEQUENCE: 9
242 cagccataca tctgtaaccg cacctttatg ctggccaagg aggccagcct tgcagataac 60
243 aacacagatg tccggctcat cggggagaaa ctgttccgag gagtcagtgc taaggatcag 120
244 tgctacctga tgaagcaggt gctcaacttc accctggaag acgttctgct cccccagtca 180
245 gacaggttcc a      191
248 <210> SEQ ID NO: 10
249 <211> LENGTH: 49
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of Artificial Sequence: Amino acid tag
256 <400> SEQUENCE: 10
257 Met Lys Phe Leu Val Asn Val Ala Leu Val Phe Met Val Val Tyr Ile
258   1           5           10           15
260 Ser Tyr Ile Tyr Ala Gly Ser Gly His His His His His His Gly Ser
261   20           25           30

```

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263	Gly	Asp	Tyr	Lys	Asp	Asp	Asp	Asp	Lys	Ala	Pro	Ile	Ser	Ser	His	Cys
264			35						40						45	
266	Arg															

RAW SEQUENCE LISTING ERROR SUMMARY  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 180

VERIFICATION SUMMARY

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Input Set : D:\Gi5358.app

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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:176